



Attorney's Docket No.: 09943-007001

S. Little
10-24-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Muhammad Chishti, et al.
Serial No. : 09/313,289
Filed : May 13, 1999
Title : TOOTH PATH TREATMENT PLAN

Art Unit : 3732
Examiner : J. Wilson

See
off

#9/Q

Commissioner for Patents
Washington, D.C. 20231

RESPONSE

In response to the action mailed June 6, 2000, please amend the application as follows:

In the Claims:

Please amend the claims as follows:

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1. (Amended) A computer-implemented method for use in creating a plan to reposition a patient's teeth from a set of initial tooth positions to a set of final tooth positions, the method comprising:

receiving an initial digital data set representing the teeth at the initial positions, wherein receiving the initial digital data set comprises receiving data obtained by scanning the patient's teeth or a physical model thereof;

receiving one or more constraints associated with the repositioning of the teeth [teeh];
and

generating a series of treatment path[s] segments to move the teeth from the initial positions to the final positions in accordance with the constraints, wherein the segments are used to construct a series of orthodontic appliances, each appliance configured to move the patient's teeth according to a treatment path segment.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

October 6, 2000

Date of Deposit

Cynthia K. Dawn

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